

July - Nov 1851⁽²⁾

Nov	1	Mimanthaceae	Sandy bottom of the Rio Grande at Frontera	July 4
	2	Liguminosae	Margin of Melvinia at El Paso. Introduced.	5
	3	Portulaceae	Floors El Paso	" "
	4	Gramineae	" " "	" "
	5	Melastaceae	" " "	" "
	6	Cuscuta	" " "	" "
	7	Semeniosae	" " " Introduced	" "
	8	Acaciae	Sandy bottom of the Rio Grande between	" "
	9	Hedysarum	" " "	" "
	10	Liguminosae	Bottom of the Rio Grande Much branching spreading 6-10 ft high	" "
	11	Salix	Margins of the " 4-8 ft high	" "
	12	Potamogeton	Stagnant saline lake in the bed of R. G. at Frontera	" "
	13	Graminea	Small hills in valley of the R. G. at Frontera. 2-3 ft high	" "
	14	Juncus	R. Grande bottom near Frontera	18
	15	Aetinaella	" " " Much branching from the root	" "
	16	Juncus	" " "	" "
	17	Potentilla	" " " On sandbars	" "
	18	Aster!	" " "	" "
	19	Gnaphalium	" " "	" "
	20	Sciurus	" " "	" "
	21	—	Sides of mountains near Frontera	17
	22	Asclepias	" " "	" "
	23	"	" " " stout branched branching 2-4 ft high with short	" "
	24	Chenopodiaceae	Hills near Frontera. 3-5 ft high branching widely	" "
	25	Filicis	Crevices of rocks Mountain near Frontera	" "
	26	Rosaceae	Sides of mountains near Frontera 2-4 ft high branching	" "
	27	Phoradendron	" " " On small scrubby oaks	" "
	28	—	Bottom of the Rio Grande above Frontera in subalpine soil	26
	29	Compositae	" " " many annual stems from the perennial root	" "
	30	Wiedenicia	Valley " much branching intricately along the ground 1-3 ft high	" "
	31	Euphorbia	" " " sandy soil	" "
	32	Helianthus	" " " " " " " 2-3 ft high	" "
	33	Cyperus	Sandy banks of the R. G. at the Cottonwoods	" "

100	Zuccaritaceae	On rocky ridges at Cookes Spring	July 31
101	Compositae	Prairies " " in 12 ft high marsh branches	" "
102	Gramineae	Margin of water " " " branching	" "
103	Luz. eus	Sides of hills near Cookes Spring. 4-10 ft high marshy	Aug 1
104	Pentstemon	" " " " "	" "
105	Burleya	Sandy valleys of the Minibes Mts.	" "
106	Compositae	" " " " "	" "
107	Malvaceae	" " " " "	" "
108	"	" " " " " Low grounds	" "
109	"	Bottom of the Minibes	" "
110	"	" " " " "	" "
111	Labiate	" " " " "	" "
112	Glycophila	" " " " " Abundant	" "
113	Veronica	In the Minibes Growing in water	" "
114	Ranunculus	" " " " "	" "
115	Potamogeton	" " " " "	" "
116	"	" " " " "	" "
117	—	" " " " "	" "
118	Chara	" " " " "	" "
119	Mimulus	Margin of the Minibes	" "
120	Umbelliferae	" " " " "	" "
121	Ranunculus	" " " " "	" "
122	Verbenae	Low valley of the Minibes	" "
123	Hieracium	" bottom " " " Climbing over bushes	" "
124	Cascaria	" " " " " Growing on weedy willows	" "
125	Gramineae	Margin of the Minibes	Aug 1
126	Desmanthus	Prairie form " to the Coppermines	" 2
127	Guillardia	" " " " "	" "
128	"	" " " " "	" "
129	Physalis	" " " " "	" "
130	(Galactia?)	Stony sides of streams Minibes - Coppermines, ^{root tuberosous or fleshy very large penetrating deeply}	" "
131	Phacelia?	" " " " "	" "
132	Hoffmannseggia	Prairies from the Minibes to the Coppermines	" "
133	Pentstemon	Pebby bed of crude Minibes - Coppermines	" "

No.	Species	Localities	Notes	Date
133	<i>Streptanthus</i>	Pebble bed of creeks Minibus -	Coppertonines	Aug 2
134	<i>Capsimum</i>	" " " "	" "	" "
135	<i>Fraxinus</i>	" " " "	" "	" 10-20 ft high "
136	<i>Juniperus</i>	Sides of hills	" "	" 10-20 ft high "
137	<i>Luzeris</i>	Along streams & hill-sides	" "	" 10-15 ft high "
138	-	" " in low ground	" "	" "
139	<i>Lepidium</i>	valley of Coppertonine creek Sandy soil	" "	" "
140	<i>Loranthaceae</i>	Hills " " " "	On cedar	" "
141	<i>Eriogonum</i>	valley " " "	" "	" "
142	<i>Compositae</i>	" " " "	" "	" "
143	<i>Pentstemon</i>	" " " "	" "	" "
144	<i>Giliastrum</i>	" " " " Sandy soil	" "	" "
145	<i>Gaura</i>	" " " "	" "	" "
146	<i>Galactia</i>	" " " " penetrating very deeply slightly enlarging tuberous	" "	" "
147	<i>Cooperia</i>	" " " " Climbing on low bushes Roots	" "	" "
148	<i>Cruciferæ</i>	" " " " Sandy soil H. yellow	" "	" "
149	<i>Ranunculus</i>	Hill-sides of Coppertonine Creek	" "	" "
150	<i>Hedysaraceae</i>	valley of Coppertonine Creek Much branching from the root 2 ft high	" "	" 4 "
151	<i>Thlaspiatum</i>	Hill-side of Coppertonine Creek 2-4 ft high	" "	" "
152	<i>Berocarpus</i>	" " " " " 6-8 "	" "	" "
153	<i>Garrya</i>	" " " " " 2-3 "	" "	" "
154	<i>Juglans</i>	" " " " " in sand on its margin 10-15 ft high	" "	" "
155	<i>Tatvia</i>	" " " " " "	" "	" "
156	<i>Umbelliferæ</i>	" " " " " "	" "	" "
157	<i>Geranium</i>	" " " " " "	" "	" "
158	<i>Clematis</i>	" " " " " Climbing bushy 6-8 ft high on	" "	" "
159	<i>Boraginaceae</i>	" " " " " "	" "	" "
160	<i>Pinus edulis</i>	" at the Coppertonines Small tree	" "	" "
161	<i>Galliandra</i>	Stony hills " " Stems pale red	" "	" "
162	<i>Eriogonum</i>	" " " " " "	" "	" "
163	<i>Quercus</i>	" " " " " Shrub or small tree	" "	" 5 "
164	<i>Liliaceæ</i>	" " " " " "	" "	" "
165	<i>Quercus</i>	" " " " " "	" "	" "

166	Euphorbia	Stony hills at the Coppermines	
167	Leguminosae	" " "	
168	"	" "	
169	Oxalis	" "	Fl purple
170	Giliastrum	" "	Filaments pink
171	Nicotianaceae	" "	Tree to 20 ft high
172	Pinus	" "	Tree 10-20 ft high
173	Boraginaceae	" "	"
174	Delphinium	" "	"
175	Verbena	" "	"
176	Compositae	" "	"
177	Oreaster	" "	"
178	Silene	" "	"
179	Rubus	Mountain sides at the Coppermines	" "
180	Acacia	Stony hills	" 6
181	Stellaria	Mountain sides	" "
182	Nicotianaceae	Stony hills	" "
183	Portulaca	" "	Fl dark orange yellow
184	"	" "	Fl light yellow
185	Salicornia	" "	"
186	Galium	" "	"
187	Henochera	Mountain sides	" "
188	Solidago	" "	" "
189	Carex	" "	" "
190	Oenothera	" "	" "
191	Philadelphia	" "	" 2-5 ft high much branched"
192	Portulaca	" "	" "
193	Crociaceae	" tops	" "
194	"	" "	" 2-5 ft high light purple"
195	Mutisia	Stony hills	" 2-5 ft high much branched"
196	Asclepias	" "	Fl deep orange
197	Eriogonum	" "	" "
198	Quercus	Sides and summits of mts at the Coppermines	" "

Aug

199	Eriogonum	Sides and summits of mts at the Coppermines	Aug 6
200	Nicotianaceae	" "	" 8
201	Salvia	Sides of mts at the Coppermines	" "
202	Symphoricarpos	" "	3-4 ft high much branched
203	Ribes	" "	3-5 ft high
204	Prunus	" "	" "
205	Pinus	" "	30-80 ft high 10-24 in diam
206	Fragaria	" "	a small tree 10-20 ft high
207	Spiraea	" "	Slightly branched slender bush 6-10 ft high
208	Henochera	" "	Among rocks
209	Filicis	" "	On crevices of rocks
210	"	" "	" "
211	"	" "	" "
212	"	" "	" "
213	"	hills	" "
214	Hippocratea	" mts	Under wet rocks
215	Hussei	" "	" "
216	"	" "	" "
217	"	" "	" "
218	Cyperaceae	" "	" "
219	Caryophyllaceae	Stony hills at the Coppermines	" 11
220	Actinella	" "	" "
221	Monarda	Valleys	" "
222	Crocipina	" "	Root very long rhizome subligneous
223	Leguminosae	Sides of stony hills at the	Prostrate or climbing on bushes
224	Diehondra	" "	Among fallen leaves under trees
225	Compositae	Valleys	Much branching from the root
226	Boraginaceae	" "	" "
227	Epipactis	Stony hill at the Coppermines	" "
228	Eriogonum	" "	" "
229	Amaranthaceae	" "	" "
230	Mimosa	" "	" "
231	Orthynx	" "	" "

Aug

No				Aug 10
232	Physalis	Stony hills at the Coppermine.		
233	Gramineae	Sides of hills at the " "		
234	" "	Mountain torrents near the Coppermines		12
235	"	Top sides of Mts. at the Coppermines,		" "
236	"	" " " " "		" "
237	"	" " " " "		" "
238	"	" " " " "		" "
239	"	" " " " "		" "
240	"	Sides of Torrents near the Coppermines		" "
241	"	On Mts.	" "	" "
242	"	In ravines	" "	" "
243	"	On Mts.	" "	" "
244	"	In ravines	" "	" "
245	"	" " " " "		" "
246	Helianthus	Summit of Mts. " " "		" "
247	Cyperus	" " " " "	In heavy detritus	" "
248	Allium	" " " " "	On sides of Mts. near the Coppermines	" "
250	Malvaceae	" " " " "		" "
251	Salvia	Sides of Mts. at the Coppermines		" "
252	Polygonum	" Mountain torrents near the Coppermines		" "
253	Pentstemon	" Mountains	" "	" "
254	Oculiferas	Sides of Mountain torrent near the	" in detritus	" "
255	Caryophyllaceae	" " " " "		" "
256	"	" " " " "		" "
257	Euphorbia	" " " " "		" "
258	Cyperus	" " " " "		" "
269	"	" " " " "		" "
260	Commelinaceae	Stony hills at the Coppermines		15
261	Hosackia	" " " " "		" "
262	Gramineae	" " " " "		" "
263	Compositae	" " " " "		" "
264	Hydrostachys	" long 5 in thick at the copper sulphate, astizgent		" "
265	Phaseolus	" " " " "	Prostrate root very large 2 ft	" "

No.						Aug 15
266	Gramineae	Stony hills at the Coppermines				Aug 15
267	Phlox	valley of Coppermine Creek				" 18
268	Caryophyllaceae	Stony hills, near the Coppermines				" "
269	Gilia	valley of Coppermine Creek				" "
270	Convolvulus	Hills " "		Edge of thickets		" "
271	Cucurbitaceae	" "		Climbing on bushes		" "
272	Salvia	Stony hills of Coppermine Creek				" "
273	Bidens	" "		"		" "
274	Hymenatherum	" "		"		" "
275	Asteliaceae	" "		"		" "
276	Convolvulus	" "		Edge of thickets		" "
277	"	" "		" "		" "
278	Desmodium	" "		"		" "
279	Physalis	" "		"		" "
280	Lathyrus	" "		"		" "
281	Sapotaceae	nts at the Coppermines	base of rocky ledges near the summits at the			" "
282	Cruciferae	" "		" "		" "
283	Solanum	" "		Fl. purple		" "
284	"	" "		and abundant in valleys Fl. white		" "
285	Nicotianea	" "		" from base to summit Fl. purple		" "
286	Hymenatherum	" "		" on the summit & sides Fl. rayless		" "
287	Gramineae	" "		Fl. radiate		" "
288	"	" "		near the summit		" "
289	"	" "		"		" "
290	"	" "		"		" "
291	Bryesson	" "		"		" "
292	Desmodium	" "		Branching from the root branched		" "
293	Gramineae	" "		" near the summit in dense branches		" "
294	Miromeria	" "		"		" "
295	Malvaceae	Sides of mts in valleys at the Coppermines				" "
296	Petalostemon	" "		"		" "
297	Gratiola	Margin of mountain torrents	" "	"		" "
298	Euphorbia	Stony hills at the Coppermines				19

300	<i>Santalum</i>	On stony hills at the Coppermines and in valleys	Aug 19	Aug 23
300	<i>Coccoloba</i>	" " " "	"	"
301	"	" " " "	"	"
302	<i>Gramineae</i>	" " " "	"	"
303	<i>Phaseolus</i>	" " " "	"	"
304	<i>Gilia</i>	" " " " branching from the root and	"	"
305	<i>Euphorbia</i>	" near " hilly soil	"	"
306	<i>Astragalus</i>	Pebby bed of a stream near the Coppermines and on piney	" 10	"
307	<i>Hymenocleum</i>	Stony hills near the Coppermines	" "	"
308	<i>Euphorbia</i>	" " " " with No 305	" "	" 26
309	"	" " " "	" "	"
310	<i>Portulacea</i>	" " " "	" "	"
311	<i>Eutorca</i>	" " " "	" "	"
312	<i>Cucurbitaceae</i>	" " " " Climbing on bushes	" "	" 27
313	<i>Nyctaginaceae</i>	" " " " Much branching	" "	"
314	"	" " " " forming mats	" "	"
315	<i>Uster</i>	" " " " "	" "	"
316	<i>Oenothera</i>	Margins of creeks at the Coppermines in the morning	" "	"
317	"	" " " " 2-3 ft high fl. open	" "	"
318	<i>Allium</i>	Stony hills near the " " " " with early	" "	"
319	<i>Euphorbia</i>	" " " " fl. nodding light purple	" "	"
320	"	" " " " balls of creosote	" "	"
321	<i>Cyperus</i>	On pine hills near the Coppermines In alluvial soil	" 22	"
322	<i>Oenothera</i>	In valleys near the " " "	" "	"
323	<i>Castilleja</i>	In the bed of a creek near the Coppermines	" "	"
324	<i>Oenothera</i>	Sandy bed of a creek near " " "	" 322?	"
325	<i>Polemoniaceae</i>	" " " " "	" "	"
326	<i>Euphorbia</i>	Pine hills near the " " "	" "	"
327	<i>Cyperus</i>	Hills " " " places	" "	"
328	<i>Cruciferae</i>	Mountainous " " " " - 321? In damp	" 23	"
329	<i>Nyctaginaceae</i>	Hills near the Coppermines fl. open in the morning till 9-10 o'clock	" "	" 29
330	"	" " " " "	" "	"
331	<i>Cyperus</i>	" " " " In damp places	" "	"
332	<i>Leguminosae</i>	Hills near the Coppermines	"	"
333	<i>Caryophyllaceae</i>	Sides of Mts near the Coppermines	"	"
334	<i>Invitalia</i>	" " " " Under overhanging rocks	"	"
335	<i>Heuchera</i>	Mts near the Coppermines In crevices of rocks	"	"
336	<i>Silene</i>	" " " " "	"	"
337	<i>Polygala</i>	Sides of " " " "	"	"
338	<i>Compositae</i>	" " " "	"	"
339	<i>Gramineae</i>	Hills near the " "	"	"
340	<i>Serophulariacae</i>	" " "	Very abundant	"
341	<i>Caryophyllaceae</i>	" " " "	"	"
342	<i>Cassia</i>	" " " "	"	"
343	<i>Euphorbia</i>	" " " "	"	"
344	<i>Mollugo</i>	" " " "	"	"
345	<i>Gramineae</i>	" " " "	"	"
346	<i>Poa</i>	" " " "	"	"
347	<i>Brizion</i>	" " " "	Common	"
348	<i>Urticaria</i>	" " " " and in valleys, Common patches	"	"
349	<i>Briogonum</i>	" " " " growing very thickly in small	"	"
350	"	" " " " in small compact bunches	"	"
351	<i>Solidago</i>	" " " "	"	"
352	<i>Galactia</i>	" " " "	"	"
353	<i>Solidago</i>	" " " "	"	"
354	<i>Amaranthaceae</i>	" " " "	"	"
355	<i>Nyctaginaceae</i>	" " " "	"	"
356	<i>Phaseolus</i>	" " " "	"	"
357	<i>Verbena</i>	" " " " around thickets	"	"
358	<i>Sobelia</i>	Marshy margin of upache de los and elsewhere	"	" 28
359	<i>Astragalus</i>	At op de vaca	"	"
360	<i>Orobanchaceae</i>	" " " " Parasitic on yucca roots	"	"
361	<i>Rhamnus</i>	" " " " gavilan hawk sprig 4-6 ft high	"	" 29
362	<i>Portulaca</i>	near op de gavilan fl. ochreous-yellow	"	"
363	<i>Kallstroemia</i>	" " " " in the valley below	"	"
364	<i>Portulacea</i>	" " " " "	"	"

nos	Flora	Description	Date
365	Nicotaginaceae	Near ojo de gavilan in the valley below	Aug 29
366	Euphorbiaceae	" " " in branches descending from the hills	" "
367	Compositae	" " " "	" "
368	Gramineae	" " " "	" "
369	" " " "	On gravelly hills	" "
370	Compositae	" " " "	" "
371	Carex	Near " " " in the valley below	" "
372	Gramineae	" " " On rocky hills	" "
373	" " " "	" "	" 30
374	" " " "	" "	" "
375	" " " "	" "	" "
376	" " " "	" "	" "
377	Dieteria	" " " "	" "
378	Gramineae	" " " "	" "
379	Hymenachne	" " " "	" "
380	Quercus	Summit of hills west from ojo de gavilan	" "
381	Poa	" " " "	" "
382	" " " "	" "	" "
383	Martynia	" " " "	" "
384	Araliaceae	Margin of torrents westward from ojo de gavilan	" "
385	Malvaceae	Valley from ojo de gavilan to Condes Camp	" "
386	Helianthemum	Margin of torrents from ojo de gavilan to Condes camp ^{Stems numerous}	" "
387	Amaranthaceae	Valley between ojo de gavilan & Condes Camp	" 31
388	Malvaceae	Hill-sides at Condes Camp	" "
389	Bryogonium	Bed of a mountain torrent at Condes Camp	Sept 1
390	Cucurbitaceae	Roots of fleshy B. species prostrate among rocks of sandy soil Prairie, between the Coppermine & Condes Camp roads	" "
391	Felices	Mountain sides near Condes Camp	" "
392	" " " "	" "	" "
393	Microseris	" " " "	" "
394	Galactia	" " " "	" "
395	Labiatae	" " " "	" "
396	Salvia	" " " " the same root - high many stems from one	" "
397	Compositae	" " " " branching widely	" "

No.							of rocks
398	Compositae	Mountain summits near Condes camp	In crevices	Sept 1			
399	Gramineae	"	"	"	"	In small tufts	"
400	Arenaria	"	"	"	"	"	"
401	Allium	"	"	"	"	Fruit creek	"
402	Gramineae	" Side	"	"	"	"	"
403	Chenopodiaceae	Valley from Condes camp to Sauc de Cienega (willow marsh)				"	"
404	"	"	"	"	"	"	2
405	Solanaceae	" Sauc de Cienega terraces Chiricahui Mts				"	B
406	Boraginaceae	"	"	"	"	"	"
407	Gilia	"	"	"	"	on stony soil	"
408	Compositae	"	"	"	"	"	"
409	Boraginaceae	"	"	"	"	"	"
410	Nicotagin.	Side of Chiricahui Mts				"	"
411	Phaselia	"	"	"	"	"	"
412	Labiatae	"	"	"	"	Many stems from the roots	"
413	Nicotianae	"	"	"	"	"	"
414	Oenagraceae	Bed of a Mountain torrent among pebbles	from one root			"	"
415	Compositae	Sides of Chiricahui Mts				"	"
416	Leguminosae	"	"	"	"	"	"
417	Nicotagin.	"	"	"	"	"	"
418	"	"	"	"	"	"	"
419	Gilia	"	"	"	"	"	"
420	Compositae	Pass of the Chiricahui Mts	Much branching near			"	"
421	Pelostemoneae	"	"	"	"	"	"
422	Menetaria	"	"	"	"	"	"
423	Crotalaria	"	"	"	"	In valleys	"
424	Asclepiadaceae	Valley west of "	clinging on plants much entangled			"	"
425	Martynia	"	"	"	"	In sandy soil	"
426	Cleomella	Southern valley west of Chiricahua Mts	Branching near the ground			"	"
427	Cleome	"	"	"	"	"	"
428	Diatessia	"	"	"	"	Soil In sand	"
429	Compositae	"	"	"	"	"	"
430	Chenopodiaceae	"	"	"	"	Ridge On sandy	"

507 Eryngium *fallax* of Sonora along branches Sep 15
 508 Leguminosae " " Many stems from the root 1-2 ft high ^{clustered} 14
 509 Compositae " " Along branches " "
 510 Cyperus " " " "" "
 511 Gramineae " " In small compact bunches " "
 512 Compositae " " Branching from the root " "
 513 Chenopodiaceae " " New branches from " " "
 514 Cirsium " " ~~On branches~~ towards the top " "
 515 Bidens " " ~~Leaves~~ ~~leaves~~ 3-5 ft high Branching " "
 516 Spathiphyllum " " Low hair along branches " "
 517 Phascolastrum " " In branches obscuring 2-4 ft high on weed " "
 518 Dieteria ^{the sequoia} valley of a mountain stream 2-4 ft high branching above " "
 519 Scrophulariaceae " " 2-5 ft high & bushy " "
 520 Onosma " " Forming small thickets " "
 521 Petalostemone " " Low lands 2-4 ft ^{growing} " 10
 522 Labiate " " Five miles above Deserted Ranch " "
 523 Compositae On the Sonoran ^{desert} side of the range ^{from the foot} no much branching " "
 524 Daphne *lanceolata* " " On hills " "
 525 Leguminosae " " Banks of mountain ^{torrents} " "
 526 Tragia " " " "" "
 527 Nyctagineae " " 4 ft high yellow " "
 528 Verbenaceae " " Rocky hill-sides ^{yellow} " "
 529 Conocarpus " " Hill-sides ^{yellow} " "
 530 Umbellifer " " white plant very white " "
 531 Bassia " " Hill-sides ^{yellow} " "
 532 Daphne *lanceolata* " " " "" "
 533 Daphne *lanceolata* " " Branching " "
 534 Leguminosae " " ^{ing from the root} 1-2 ft high " 10
 535 Euphorbia " " On hill sides Branch " "
 536 Platamus " " Pebby tufts of branches " "
 537 Cnidoscolus " " Large tree " "
 538 Abutilon " " Mountain stream " "
 539 Gramineae " " Hill-sides 1-2 ft high " "
 540 Malvaceae? " " slightly branching ^{1-2 ft high} " "
 " " " In small tufts " "

541	Cuscuta	On the Sonora near Desierto Rancho	Callio	climbing on cactus	July 17		
542	Buraginaceae	" "	"	"	July 1st, 2-4 ft high	Hg	desert
543	Sesmodium	" "	"	"	"	"	"
544	Leguminosae	" "	"	"	"	"	"
545	Pephosia	" "	"	"	"	"	"
546	Ljgalactis	" "	"	"	"	"	"
547	Compositae	" "	"	"	"	"	"
548	Polygala	" "	"	"	"	"	"
549	Solanum	" "	"	"	"	"	"
550	Desmodium	" "	"	"	"	"	"
551	"	" "	"	"	"	"	"
552	"	" "	"	"	"	"	"
553	Convolvulus	" "	"	"	"	"	"
554	Compositae	" "	"	"	"	"	"
555	Hymenachne	" "	"	"	"	"	"
556	Amaranthaceae	" "	"	"	"	"	"
557	Compositae	" "	"	"	"	"	"
558	"	" "	"	"	"	"	"
559	Desmodium	" "	"	"	"	"	"
560	"	" "	"	"	"	"	"
561	Fallugia	Hills near Desierto Rancho	stone grape	8-10 ft high with short	July 20		
562	Rhu.	Near deserto Rancho	Side of Mountain ravine,	"	"	"	"
563	Tonidium?	" "	"	"	"	"	"
564	Cyperus	" "	"	On hills	"	"	"
565	Gorackia	Valley of Sonora creek	low damp soil	long tall	July 20		
566	Zuawigia	Margin of pools in mountain valleys	the San Pedro	descending to	Aug 1		
567	Cyperaceae	" "	"	"	"	"	"
568	"	" "	"	"	"	"	"
569	Naiadaceae	" "	"	"	"	"	"
570	Sobelia	" "	"	"	"	"	"
571	Oriagraceae	Bubbly bed of mountain branches	"	"	"	"	"
572	Cassia	2-3 ft high	"	"	"	"	"
573	Rutaceae	Mountain side near the San Pedro	"	"	"	"	"

675	Latvia	Mountain East of Santa Cruz	Sept 29
676	Gilia	" " " " " Trailing 2-3 ft	" "
677	Compositae	" " " " " 1-2 ft high branched Branched	" "
678	"	" " " " " 3 ft high Biennial?	" "
679	Helianthus	" " " " " 2" " Perennial	" "
680	Fungi	" " " " " Decaying twigs	" "
681	Acrophallus	" " " " " Along streamlet	" "
682	Segaminoza	Branches of the San Pedro On open prairie	, 30
683	Compositae	" " " " " rocky banks	" "
684	Cuprifoliaceae	" " " " " " " "	" "
685	Hymenathrum	" " " " " Open prairie. Introd. Oct 1	" "
686	Pteris	" " " " " " " "	" "
687	Compositae	" " " spreading 4-6 ft from the perennial root rootlike, many branches	" "
688	Malpighiaceae	Heads of the legua Pecta along rocks	" "
689	Cassia	" " " " " Shrub 4-6 ft high	" "
690	Hymenathrum	" " " " " A much branched and spreading	" "
691	Acacia	" " " " " Perennial very much branching	" "
692	"	" " " " " In broad level valleys 6-12 ft	" "
693	Zinnia	" " " " " high sparingly, branched	" "
694	Compositae	" " " " " very much branching Perennial	" "
695	Cusentia	At San Bernardino	" "
696	Cyphus	" " " " " Around springs	" "
697	Aster	Low valley at San Bernardino	" "
698	Helianthus	" " " " " " " "	" "
699	Euphorbia	" " " " " " " "	" "
700	Eriogonum	Around springs near San Bernardino 3-9 ft high	" "
701	Malpighiaceae	Guadalupe Pass on mountains = 688?	" 4
702	Dicroidium	" " " " " rocks.	" "
703	Compositae	" " " " " In crevices of rocks many radial branches	" "
704	Gymnandra	" " " " " 2-4 ft high	" "
705	Mabryaceae	" " " " " On mountain	" "
706	Euphorbia	" " " " " " " "	" "
707	Malvaceae	" " " " " " " "	" "
708	Labiatae	" " " " " 2-5 ft high much branching	" "

709	<i>Pchinostis</i>	Guadalupe Pass on mountains	Climbing 4-6 ft high	Oct 4
710	<i>Stylosa</i>	" " "	Many radical branches especially projecting the seeds	
711	<i>Pchinostis</i> .	" " "	Climbing 4-7 ft Deep in crevices	
712	Serophulariacae	" " "	Many radical branches	
713	Apoynaceae	" " "	In crevices of rocks	
714	Compositae	" " "	1-2 ft high very much branching	
715	"	" " "	In crevices of rocks 1-2 ft high	
716	<i>Phaseolus</i>	" " "	Growing 1-2 ft high	5
717	Nyctaginaceae	" " "	In ravines Branches prostrate	
718	Compositae	" " "	On mountains, very much branched	
719	"	" " "	In ravines of rocks	
720	Cleopodaceae	" " "	On mountain sides	
721	Loranthaceae	" " "	Grouping on trees	
722	Compositae	" " "	from the spots in Many branches	
723	Juncos	Valley of the Sierra de los Animas	Margin of springs	
724	Lypsumus	" " "	" "	
725	Aster	" " "	" " streams	6
726	Artemisia	" " "	" "	
727	Polygonum	" " "	" " stream	
728	Concurbitaceae	" " "	On a rocky canyon	
729	Euphorbia	" " "	In the dry bed of a	
730	Galium	" " "	2-3 ft on cobbles	
731	Leguminosae	" " "	In springs ascending	
732	Compositae	" " "	1/2-3 ft high Common in Sonora	
733	"	Pebby bed of a creek near Sierra de los Animas	high erect branched	7
734	Cleopodaceae	Prairie by the Sierra de los Animas	1-2 ft high much branching	
735	Compositae	Las Playas	Spring soil Forming large patches	
736	Aster	" " "	" "	
737	Eryngium	" " "	Around springs	
738	Hymenothem	Prairies from Las Playas to the Coppermines	" "	8
739	Verbena	Mountain sides at the Coppermines	" "	
740	Cosmudium	" " "	Guadalupe Pass	
741	Quonymus	" " "	" "	
742	Dieteria	" " "	" "	

743	Gramineae	Mountain-sides at the Coppermines	Oct. 11
744	"	"	"
745	"	"	"
746	"	"	"
747	"	Poa	"
748	Compositae	"	"
749	Aster	"	"
750	Solidago	"	"
751	Amaranthus	"	"
752	Solidago	"	"
753	Compositae	"	"
754	Polygala	" x Mariana	"
755	Erigeron	"	"
756	Dalea?	Hill-sides at the Coppermine	"
757	" ?	"	"
758	Gentiana	"	"
759	Caryophyll.	"	"
760	"	"	"
761	"	"	"
762	"	Mountain-side at the Robe	"
763	Compositae	1-2 ft. long under rocks	"
764	"	Branches prostrate or	"
765	Dalea?	4 ft. high much branched	"
766	Aster	"	"
767	Artemisia	"	"
768	Phaseolus	"	"
769	Artemisia	"	"
770	Silene	"	"
771	Scrophularia	"	"
772	Myctaginea	"	"
773	Gramineae	"	"
774	" Poa	"	"
775	"	"	"
776	"	"	"

777	Doralea	Mountain-sides at the Coppermines	much branching	Oct 13
778	Compositae	"	" "	" "
779	"	"	" "	" " " "
780	" "	" "	" "	" In crevices of rocks
781	Gramineae	"	" "	" In small dense bunches
782	"	" "	" "	" "
783	Gnaphalium	"	" "	" "
784	Physalis	"	" "	" "
785	Compositae	"	" "	" "
786	Musei	"	" "	" "
787	Gramineae	valley of Coppermine Creek	In small bunches	" 13
788	Cirsium	"	" "	" 2-3 ft high branches
789	Blepharidapri	"	" "	" On rocky shale cliff
790	Pectideae	"	" "	" "
791	Juncus	Shargi	" "	" "
792	Helianthus?	valley	"	" Under trees 2-4 ft high
793	"	" "	"	" around thickets
794	Artemisia	"	" "	" around thickets
795	Bidens?	"	" "	" under trees & bushes
796	Helianthus	"	" "	" Around trees & thickets 1-3 ft high
797	Gramineae	Hills around the Cobre	In small bunches	" 16
798	"	" "	" "	" "
799	"	" "	" "	" "
800	"	" "	" "	" dense bunches
801	"	" "	" "	" "
802	"	" "	" "	" thin branches
803	"	" "	" "	" dense "
804	"	" "	" "	" "
805	"	" "	" "	" "
806	"	" "	" "	" "
807	"	" "	" "	" "
808	"	" "	" "	" "
809	"	" "	" "	" In small bunches
810	"	" "	" "	" "

811	Gramineae	valley, around the Cobre	Landscapes	Oct 11
812	" Poa	" " "	Cerro Churro by fence	" "
813	"	Hills	" "	" "
814	"	" "	" In small dense bunches	" 17
815	"	" "	" " " " "	" "
816	"	" "	" " " " "	" "
817	"	" "	" " " " "	" "
818	Artemisia	Along mountain torrents near the Cobre	Cactus, single or few hills around the Cobre	" "
819	"	" "	" and on hill	" "
820	Cyperus	Hills	" "	" "
821	Eleocharis	" "	" "	" "
822	Loranthaceae	" "	" On cedar in dense bunches	" "
823	Yucca	Pebbley bed of mountain torrent near the Cobre	" "	" "
824	Gymnophalium	Hills, around the Cobre	" "	" 18
	discoidea	" "	" "	" "
825	Urticaceae	" "	" in valleys common	" "
826	Gramineae	Mountain valleys around the Cobre	In tufts not dense	" "
827	Musci	Ravine near the Cobre	On burnt ground	" "
828	Bulbostylis	Hills around the Cobre	Suffrutescent much branched 3-4 ft high	" "
829	"	" "	Stems, several 4-3 ft high	" "
830	Woodia	" "	" "	" "
831	Pteris	" "	" "	" "
832	Ucalyptha	Mountain, around the Cobre	" "	" 20
833	Aster	" "	" "	" "
834	Artemisia	" "	" "	" "
835	Malvaceae	" "	Divaricately branching	" "
836	Cyperus	" "	On the summits 12 ft high	" "
837	Musci	Margin of mountain torrent near the Cobre	Large thick bunches	" "
838	Elatine	" "	" Stagnating water,	" "
839	Fornax	Mountain, around the Cobre	" Gutter water	" "
840	Compositae	" "	" Collected <u>Anis</u> by the Mexicans	" "
841	"	" "	" "	" "
842	Artemisia	" "	" "	" "
843	Gaura	" "	" "	" "
844	Artemisia	" "	" "	" "

911	Gramineae	Around the hot springs Palm scattering in wet soil and common elsewhere	Wood
912	"	" " " " Palms scattering in wet soil	" "
913	"	" " " "	" "
914	"	" " " "	" "
915	Hymenatherium	" " " " and elsewhere on stony soil	" "
916	Euphorbiaceae	Bottom of the Mimbres in sandy soil	" "
917	Compositae	Hills from the " to the Rio Grande Eastway	" "
918	Gramineae	Valley of the " In dense bunches	" "
919	Compositae	Low bottom of the Mimbres	" "
920	Gramineae	" " " " In small bunches	" "
921	Compositae	" " " " 4 ft high	" "
922	Polygonum	Bed of the Mimbres In water	" "
923	Ambrosia	Hills near Cookes spring	" "
924	Graphalium	" " " " Among rocks	" "
925	Chrysopsis	" " " " "	" "
926	Gramineae	" " " " "	" "
927	"	" " " " "	" "
928	"	" " " " "	" "
929	Artemisia	" " " " "	" "
930	Baccharis	Bottom of mule spring creek	" "
931	Gramineae	Ravine at "Hole in rock"	" "
932	"	" " " " "	" "
933	Buraginaceae	" " " " "	" "
934	Gramineae	Hills from the Cooree to the Rio Grande common	" "
935	Compositae	Bottom of the Rio Grande On sandy ridge	" "
936	Cristidu?	" " " " "	" "
937	Stipa?	" " " " "	" "
938	Stipa?	" " " " "	" "
939	Compositae	" " " " forming dense patches, highest 4 ft high	" "
940	Stipa?	" " " " "	" "
941	"?	" " " " " tufts small density	" "
942	Gramineae	Around springs	" "
943	Stipa?	Bottom of the Rio Grande On sandy ridge	" "

No.	Species	Habitat	No. 4
944	<i>Bilya?</i>	Bottom of the Rio Grande On sandy ridge	
945	<i>Panicum</i>	Margin " "	5
946	<i>Gramineae</i>	Bottom " " " In a hollow	"
947	<i>Bilya?</i>	" " " " " sandy soils	"
948	"	" " " " " " " "	"
949	<i>Gramineae</i>	valley of the " " Among bushes on hills & in valleys	6
950	<i>Aristida</i>	" " " " On hills	"
951	<i>Galea</i>	" " " " " Sandy hills	"
952	<i>Compositae</i>	Low-valley of the Rio Grande In large bunches	"